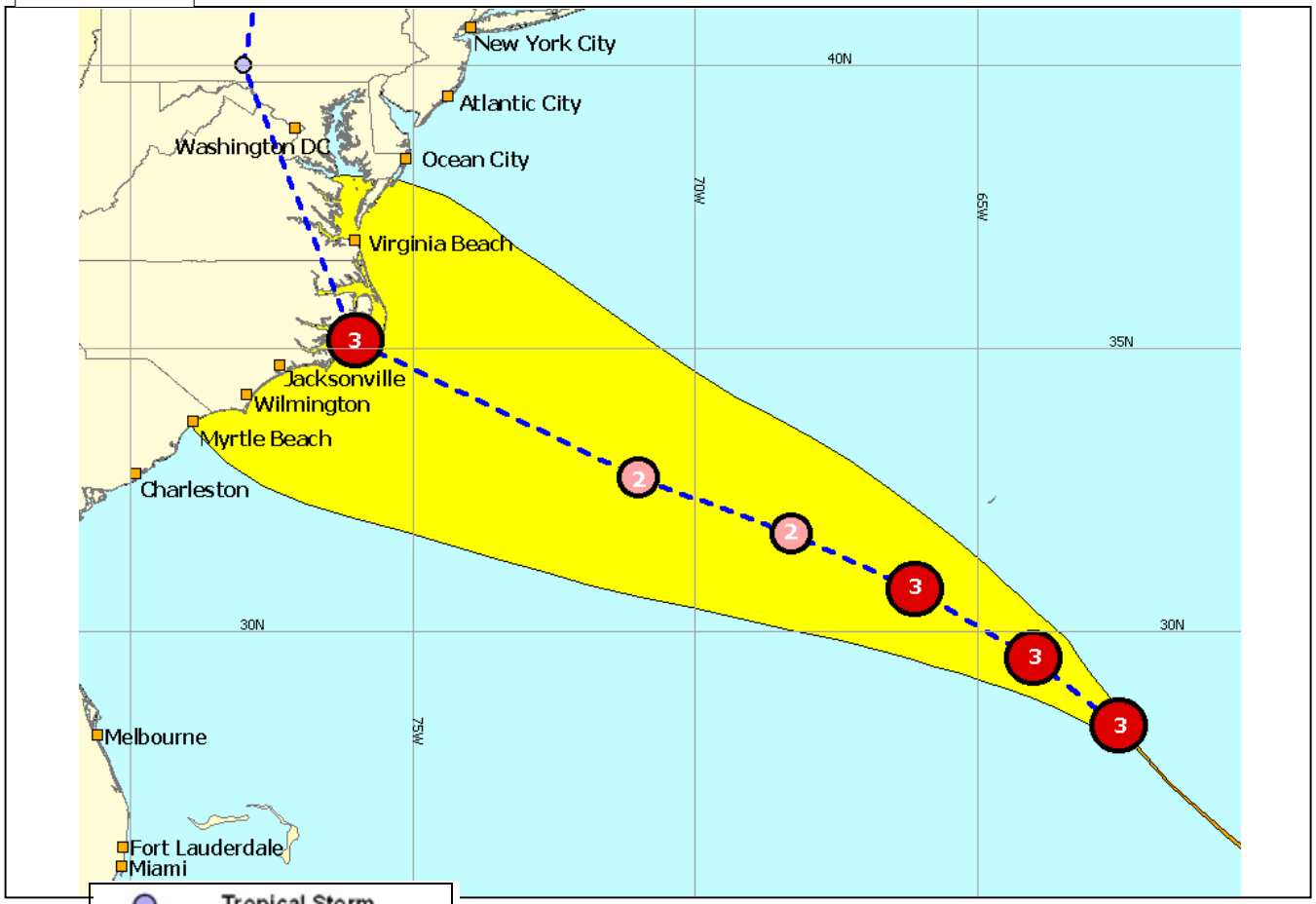
Hurricane Zoe 2008 Model Results

Landfall Expected Within *3* Days

For Planning Purposes Only!



Tropical Storm
Category 1 Hurricane
Category 2 Hurricane
Category 3 Hurricane
Category 4 Hurricane

NHC Forecast Track

Probable Landfall Zone

Information provided on the following page displays four possible Category 3 landfall scenarios within the error cone provided by the National Hurricane Center (NHC). These projections are based on information from the NHC **(1100EDT 05/04/2008)** updated forecast.

Details about the USACE Mission Models may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff via email at DLL-CELRL-GIS@usace.army.mil

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ırricane Zoe 2008 3-Day Model

Generated By: Terry Siemsen
Generated Date: 1300 EDT 05/04/2008

Sources:
HURREVAC
LRL-DEBRIS

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Landfall Expected Within *3* Days

Values Provided For Planning Purposes

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		Ice/Water Commodities - Trucks/Distribution Lanes Ramp-up (Number of Trucks Each Commodity and Lanes Anticipated - end of each day)					
					Commodity Trucks	Within Hurricane Force Winds	
	Debris (cu yds)	Day One (25%)*	Day Two (50%)*	Day Three (100%)*	Day 1-3 Total	Population	Households
Virginia Beach, VA Track							
Virginia	26,000,000	40	80	160	280	1,900,000	700,000
North Carolina	1,000,000	5	10	20	35	120,000	50,000
Total	**27,000,000**	**45**	**90**	**180**	**315**	**2,020,000**	**750,000**
Jacksonville, NC Track							
North Carolina	9,000,000	30	60	120	210	1,200,000	475,000
Virginia	500,000	0	0	0	0	0	0
Total	**9,500,000**	**30**	**60**	**120**	**210**	**1,200,000**	**475,000**
Wilmington, NC Track							
North Carolina	13,000,000	40	80	160	280	1,800,000	690,000
South Carolina	200,000	1	1	1	3	10,000	4,000
Total	**13,200,000**	**41**	**81**	**161**	**283**	**1,810,000**	**694,000**
Myrtle Beach, SC Track							
South Carolina	9,000,000	15	30	60	105	550,000	220,000
North Carolina	4,000,000	20	40	80	140	800,000	300,000
Total	**13,000,000**	**35**	**70**	**140**	**245**	**1,350,000**	**520,000**

Key assumption is that establishment of distribution lanes will be the limiting factor.

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